



PHILIPS

Oncology solutions

DynaCAD Urology

Integrated planning and follow up for prostate fusion biopsy and ablation

DynaCAD Urology is an innovative medical device that empowers urologists with a dedicated set of tools for utilizing multi-parametric MR data in fusion biopsy and ablation workflows. It also provides a solution for managing patient's biopsy and ablation data¹ in urology.

Create time and workflow efficiencies in your prostate biopsy or ablation programs with DynaCAD Urology. The device allows you to build on the work radiology has done, and gives you easy access to your own longitudinal data for case management. As soon as a radiologist has finished reading a case, DynaCAD Urology presents you with the MR images and segmentation information for planning further diagnostic or therapeutic steps. By connecting directly to your UroNav system, it also documents your patient's biopsies and ablations. DynaCAD Urology helps you maintain a comprehensive understanding of your patient's progress, helping to deliver the precise, consistent care patients need across their entire treatment.

Multiparametric prostate MRI is becoming a new standard of care for lesion detection and grading². When planning procedures, urologists face new challenges in both handling and getting the most out of the work done in radiology. Additionally, with more patients being treated over multiple episodes, managing data sets is more important than ever to ensure patients receive quality care.



Streamline your workflow

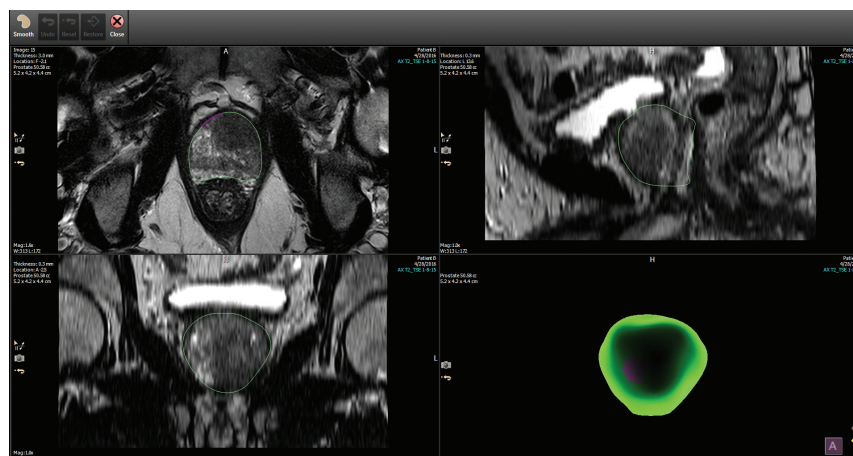
DynaCAD Urology works with DynaCAD Prostate, used in radiology, to provide urologists with an easy way to store, review and manage comprehensive diagnostic and therapeutic data. An automatic exchange bypasses possible delays transferring data, such as when using discs or memory sticks. Secure network connectivity can also help enhance data integrity and safety. By providing fast, reliable access, DynaCAD Urology makes it easy to use data for active surveillance, subsequent biopsy and therapy planning, and for follow-up.



DynaCAD Urology provides viewing layouts and tools specifically dedicated for Urological review.

Enhanced confidence for your biopsy

Once radiology has defined the prostate boundary and targets using DynaCAD Prostate, DynaCAD Urology automatically displays the resulting information for urological review. You can then review it in conjunction with previous MR data, and any available biopsy core locations. DynaCAD Urology's dedicated tools allow you to edit the prostate segmentation if needed, and add targets based on prior biopsy procedure core locations. The result is a ready-to-use plan for fusion-guided biopsy using UroNav.



DynaCAD Urology lets you apply your own experience and the patient's history to prepare for fusion biopsy and ablation procedures.

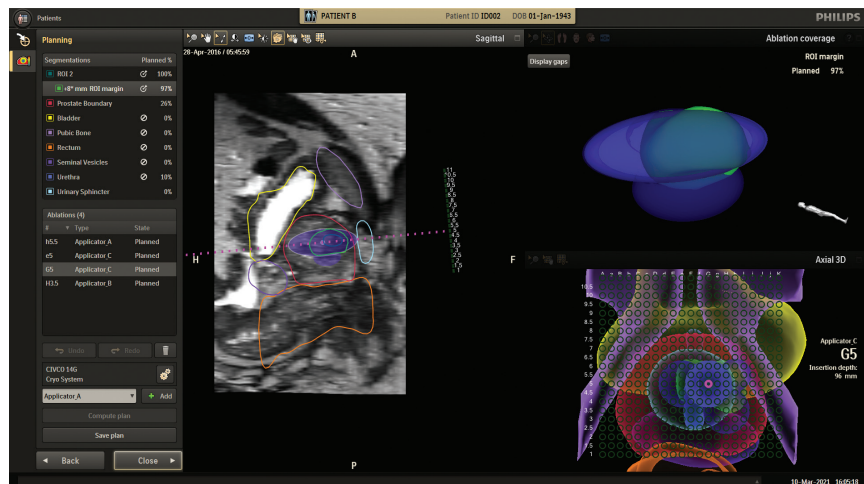
Partner with the best

DynaCAD Prostate is used at
22 of the top 25 ranked US hospitals⁴



Ablation planning and review

The Ablation Planning¹ option for DynaCAD Urology helps you prepare for ablation procedures by presenting the target regions along with critical structures identified in MR, and previously acquired biopsy data. Furthermore, DynaCAD Urology combines your clinical objectives with information about your ablation devices and applicators for automatic ablation plan computation, which you can adjust as necessary. When ready, the newly created ablation plan can be imported into a UroNav device to support the ablation procedure. Once the procedure is complete, you can review the results on DynaCAD Urology and use them for planning subsequent confirmation biopsy procedures.



Ablation plan including the segmentation of critical structures



1 in 6 men in the U.S./Europe have been **diagnosed with prostate cancer.**^{3,4}

Flexibility to simplify your preparation and evaluation

DynaCAD Urology gives you the flexibility of working away from your UroNav device. This means you can plan or review your biopsies and treatments in your office, or even from home.



Radiology

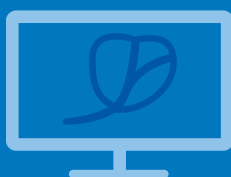
DynaCAD Prostate



Gland and targeting data from radiology



DynaCAD Urology



Combine radiology and urology data for fusion biopsy and ablation¹ procedures

Urology

Import data into UroNav for fusion biopsy and ablation¹ procedures



Export UroNav procedure data into DynaCAD Urology for review and subsequent procedure planning

UroNav



A multifaceted approach to prostate care

You can use DynaCAD Urology with Philips clinical data management platform for browser-based access and cross-referencing with data from other sources, such as pathology. With our comprehensive prostate solutions, you work with a complete patient view to support diagnostic processes, treatment decisions, follow-up and communications across clinical domains.

Our commitment to oncology

At Philips, we recognize that oncology care requires integrated approaches across patient pathways. From diagnosis and staging, to treatment decision, to therapy planning and follow-up, we're addressing challenges in cancer care by providing solutions across the entire care delivery pathway.

DynaCAD Urology is just one solution from the Philips portfolio of prostate solutions. We aim to help you build best-in-class oncology programs in the ever-changing healthcare landscape. Talk to us today to see how we can help you guide your patients along their journeys – because there's always a way to make life better.



Enhance productivity

- Access virtually anywhere
- Customizable to your needs

Work the way you prefer to work.



Support confident procedures

- Comprehensive viewing possibilities
- Automated ablation planning

See things the way that makes sense for you.



Simplify workflows

- Automated access to longitudinal patient data
- Post-procedure review for assessment and subsequent procedure planning

Manage the data for your procedures.

¹ The Ablation Planning option is sold separately.

² Murphy J, Haider M, Ghai S, et al. The Expanding Role of MRI in Prostate Cancer. AJR 2013; 201:1229 -1238. <https://www.ajronline.org/doi/pdf/10.2214/AJR.12.10178>

³ WHO Cancer fact sheet No 297

⁴ American Cancer Society & SEER

⁵ U.S. News and World Report: 2017 Best Hospitals Ranking (Cancer) <https://health.usnews.com/best-hospitals/rankings/cancer> (sales data on file).

DynaCAD Urology and DynaCAD Prostate are modules of the DynaCAD product.

Learn more about Philips prostate solutions at
www.philips.com/prostatesolutions

